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NCR ID: ECSed37460                      Status: VERIFIED                      Submitted: 030512  
NCR Class: OPERATIONS                  Project: OPS\_BMGT                      Enclosures: 8

NCR TITLE...

Should Be Able to Accept a List Of Input Granules For Processing

PROBLEM INFORMATION...

Build Name[\*]: Drop 6A.07+  
Test Site[\*]: EDC DAAC  
Detection Method[\*]: Customer Use  
Detected-In-Phase[\*]: DAAC Activity  
Test Case ID:  
Machine Name:  
Severity (1=Showstopper)[\*]: 5  
Priority: 006    Priority Date: 200305  
High Priority: 004    Mode [\*]: OPS  
Trouble Ticket: SMC000000005696  
DAAC Trouble Ticket: EDC000000013520  
Submitter: rockvam

ANALYSIS INFORMATION...

Evaluate Engineer: pgazula  
Assigned To: dsrikant  
Analysis Due Date (yyymmdd): 030723

COST ANALYSIS INFORMATION...

Cost[\*]: MEDIUM  
Estimated Fix Time (hrs): 80  
Estimated Fix Date (yyymmdd): 031015  
Est Num\_SLOC: 600  
Revised Fix Time (Hrs): 90  
Revised Fix Date (yyymmdd): 031112

TO BE FIXED INFORMATION...

Problem type[\*]: source code  
Recommended change[\*]: source code  
Implement Due Date (yyymmdd): 031112  
Eng SW Release Name: TBD  
Eng SW Release Date (yyymmdd):  
Quality of NCR: 4  
Workaround Available? N

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NCR Class: OPERATIONS                  Project: OPS\_BMGT

MERGE INFORMATION..

Resolution[\*]: source code  
Resolved by: dsrikant  
Iteration: Drop 6A.08  
Indicate\_SLOC[\*]: Combination  
Num\_SLOC: 450  
Fixing time (hrs): 100  
Affect CSCI: Y  
Merge Build Id: M031110010  
Documentation affected (Y/N)? N  
Fix Date (yyymmdd): 031114  
Patch Release Name: TBD  
Patch Release Date (yyymmdd):  
TE SW Release Name: TBD  
TE SW Release Date (yyymmdd):

VERIFICATION INFORMATION...

Test Engineer: dsrikant  
Verification Due:  
Verification results(P/F)? : P  
Elapsed verification time (hrs): 18  
Attachments (Y/N)? Y  
Ver. Build ID[\*]: Drop 6A.08  
Verification Machine: p2dps01  
Verification Site[\*]: PVC

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\*\*\*\*\* Problem (Modified 030512 by ocoates) \*\*\*\*\*

Long Description :

In order to reconcile the holdings of ECHO against the DAACs' inventories, comparisons will be made between the SDSRV database and the ECHO database which is populated by BMGT products.

If discrepancies are found, it would greatly ease the correction of these discrepancies if the BMGT could export the metadata for a list of granules (e.g., by dbID).

This was discussed at the ECHO telecon on 5/8/2003. Please forward as a sev 5 NCR.

LP DAAC POC: Tammy Rockvam

<< end of description >>

SUBMITTER INFO:

Submitter Name: Tamara Rockvam

Submitter Email: rockvam@usgs.gov

Submitter Phone: 605-594-6852

\*\*\*\*\* IPT (Modified 031110 by jsmith-c) \*\*\*\*\*

11/07/03: Ready to merge as soon as DBDM reviews stored proc.

10/31/03: Modifying BMGT start script to provide granule options on the fly. 10/16/03: Resolving defects from CUT 10/14, Unit test scheduled for the week of 10/20.

\*\*\*\*\* Analysis (Added 030922 by jsmith-c) \*\*\*\*\*

Please describe your Analysis:

\*\*\*\*\* IPT\_HISTORY (Modified 031103 by jsmith-c) \*\*\*\*\*

10/09/03: CUT scheduled for 10/14.

10/03/03: Preparing CUT package. The prototype is working.

Working on I&T test plans, prototype is already in place, needs minor changes, awaiting the decision to combine design and code reviews.

09/26/03: This NCR is a sev 5 which exceeds the 80 hour threshold. 30 hours have been used for analysis. If work is to continue on this NCR a Detailed Design Review and Code & Unit Test Review will be required.

09/19/03: Making minor changes to the Detailed design after inputs from DAAC's, Planning for Code review on 09/30/2003.

5/15/03: Initial analysis of this NCR is that it's a multi-month effort.

\*\*\*\*\* Resolution (Added 031114 by dsrikant) \*\*\*\*\*  
Please describe your resolution to this problem:

Modified code and added new classes to accept a list of granules and a few parameters on the command line to specify the product, Input source, and the List only options.  
Modified the Bmgt start script.  
Modified stored procedure ProcBmgtGetEsdGranMetadata.

\*\*\*\*\* Previous Merge Build IDs (Added 031114 by dsrikant) \*\*\*\*\*  
Please enter any related Merge Build ID(s) information:

- 1) 6A08--M031110010
- 2)
- 3)
- 4)

\*\*\*\*\* Test (Added 031120 by dsrikant) \*\*\*\*\*  
Read BmgtHelp.txt in the utilities directory to run BMGT with the new capabilities, and the command line arguments that can be provided for various options.

\*\*\*\*\* Verification (Added 031211 by cschafer) \*\*\*\*\*  
Please describe your verification:

Ran a barrage of tests checking the various command line options in the PVC in the OPS mode and all passed except the -F option. This was noted in a TT PVC000...24.

summary of tests run:

SUMMARY OF BELOW TESTS FOR 37460  
Configure BMGT and using different command line arguments.

ALL EcBmBMGTStart ... is being run from utilities dir.

1 EcBmBMGTStart -I SC:AIRB0CAH.077:2013866375 -L Y      Create the XML, MET  
and PDR for the specified -I <file>  
    PASS

2 EcBmBMGTStart -I SC:AIRB0CAH.077:2013866375 -L Y -A N  
Create the XML for the -I specified PASS

3 EcBmBMGTStart -P Valids XML, MET and PDR  
For Valids only PASS

4 EcBmBMGTStart -P Collection XML, MET and PDR  
For Collection only PASS

5 EcBmBMGTStart -P Granule XML, MET and PDR  
For Granules only PASS

6 EcBmBMGTStart -P Browse XML, MET and PDR  
For Browse only PASS

7 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 XML, MET  
and PDR  
For Collection

XML, MET and PDR  
For Granules

XML, MET for the INPUTSOURCE. This shares the PDR with Granule PDR.  
PASS

8 EcBmBMGTStart -P Valids -I SC:AIRBAQAP.077:2014019954 XML, MET and  
PDR  
For Valids

XML, MET and PDR  
For Granules

XML, MET for the INPUTSOURCE. This shares the PDR with Granule PDR.  
PASS

9 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y XML,  
MET and PDR for -I geoid PASS

10 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -A N (-A  
will be ignored since -L Y is not present. The results should be the  
same as:  
the -A not even present)

XML, MET and PDR  
For Collection

XML, MET and PDR  
For Granules

XML, MET for the INPUTSOURCE. This shares the PDR with Granule PDR.  
PASS This is not supposed to be done as the -A can only be used when -L  
is Y. However it was tested for completeness

11 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -A N  
XML for the -I specified file will be the ONLY file created PASS

12 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -F  
TESTBMGT\_AST XML, MET and PDR  
With renamed XML FAILED

NO PDR Not using an ABSOLUTE path will result in the corresponding file  
created in the Directory where the EcBmBMGTStart script was run.

AND

A MET file will be put in the ProductOutput Directory

13 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsPILF XML, MET and  
PDR

With renamed XML FAILED MISSING PDR

Test ran 12/10/2003 13:50

14 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAME XML, MET and PDR  
For Collection

XML, MET and PDR

For Granules

However the INPUTSOURCE XML will be renamed to the name passed in on  
the command line "TEST\_FILENAME".

The corresponding MET file for the INPUTSOURCE will be created in the  
ProductOutput dir with the usual "ECSMETGGranList...MET" name.

FAILED

NO PDR

For

Granules

And NO PDR for

INPUTSOURCE files Ran 13:36

NO PDR produced for the METG

NOT SURE IF THE PDR for INPUTSOURCE should be there since the -L is not  
here and therefore should default to N meaning that there should still  
do the list as well as the P collection.

15 EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsPILF XML, MET and  
PDR

With renamed XML FAILED 12/10/2003 Time 13:50

NO PDR

16 EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -L Y -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsILF XML, MET and  
PDR

With renamed XML FAILED

MISSING PDR 12/10/2003 13:56

MISSING PDR

TESTED AGAIN WITH SMALLER GROUP TO MAKE SURE IT IS NOT OPERATOR ERROR!!

17 EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -A N -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_Option

sIAF XML, MET and PDR for :

Granule

Valid

Collection

Browse

-F  
XML, MET and PDR  
With renamed XML

FAILED  
NO PDR for the MET G.  
AND  
For:  
INPUTSOURCE 13:58  
THIS IS AN ODD CASE BECAUSE:  
with the option -A N when "-L Y" is missing.

This could mislead the user to thinking that they are going to get all the XML only however they will get XML, MET and PDR (except there is no PDR which is a true ERROR)

The PDR is missing for the METG and the INPUTSOURCE  
18 EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsIF XML, MET and  
PDR for :  
Granule  
Valid  
Collection  
Browse

-F  
XML, MET and PDR  
With renamed XML  
FAILED

NO PDR for:  
METG  
INPUTSOURCE 14:05

19 EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -L Y -A N -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_Op  
tionsILAF XML File only  
RENAMED to Command line given name

In the specified ProductOutput directory PASS 14:14

File is there right size and renamed properly  
20 EcBmBMGTStart -I 2014019954 -L Y -A N -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsILAF\_I\_onlyDBID  
Same as above except using the dbID instead of GEIOD

XML File only  
RENAMED to Command line given name

In the specified ProductOutput directory PASS 14:19

21 File is there right size and renamed properly  
Construct a file containing 10 GEOIDS : InputFILE\_BMGT\_GranuleURs

Contents:

SC:AST\_L1A.003:2012597333  
SC:AST\_L1A.003:2012597366  
SC:AST\_L1A.003:2012597332  
SC:AST\_L1A.003:2012597368  
SC:AST\_L1A.003:2012597330  
SC:AST\_L1A.003:2012597334  
SC:AST\_L1A.003:2012597331  
SC:AST\_L1A.003:2012597387  
SC:AST\_L1A.003:2012597394  
SC:AST\_L1A.003:2012597393

EcBmBMGTStart -I InputFILE\_BMGT\_GranuleURs -L Y -A N -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsILAF\_I\_InputFILE\_BMGT\_Gr  
anuleURs A renamed "XML" file  
Containing the 10 GEOIDS in specified dir PASS 12/10/2003 14:29

File is in corresponding dir and named correctly containing the 10  
GEOIDS

22 Construct a file containing 10 dbIDs

InputFILE\_BMGT\_dbids  
2012597333  
2012597366  
2012597332  
2012597368  
2012597330  
2012597334  
2012597331  
2012597387  
2012597394  
2012597393

EcBmBMGTStart -I InputFILE\_BMGT\_dbids -L Y -A N -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsILAF\_I\_InputFILE\_BMGT\_db  
ids A renamed "XML" file  
Containing the 10 dbIDs in specified dir PASS 12/10/2003 14:35

file renamed  
in correct dir  
correct size  
containing the 10 Granules info

23 EcBmBMGTStart -P Collection -I InputFILE\_BMGT\_dbids -L Y -A N -F  
/usr/ecs/OPS/CUSTOM/ProductOutput/TEST\_FILENAM\_OptionsPILAF\_I\_InputFILE\_BMGT\_dbi  
ds A renamed "XML" file  
Containing the 10 dbIDs in specified dir PASS 12/10/2003 14:45

file renamed  
in correct dir  
correct size  
containing the 10 Granules info

EcBmBMGTStart -P Collection -I InputFILE\_BMGT\_dbids XML MET and PDR

files will be created for the METC

XML MET and PDR files will be created for the METG (PDR will also hold the data for Granlist/INPUTSOURCE)

XML and MET file for the INPUTSOURCE

PASS 12/10/2003 14:47

GranList file created in correct dir  
correct size

containing the 10 Granules info for the INFOSOURCE created from the input file containing dbids

24 EcBmBMGTStart -P Collection -I InputFILE\_BMGT\_GranuleURs XML MET and PDR files will be created for the METC

XML MET and PDR files will be created for the METG (PDR will also hold the data for Granlist/INPUTSOURCE)

XML and MET file for the INPUTSOURCE

PASS 12/10/2003 14:52

GranList file created in correct dir  
correct size

containing the 10 Granules info for the INFOSOURCE created from the input file containing Geoids.

\*\*\*\*\* History \*\*\*\*\*

bugs 1010629 000000 Submitted by Remedy via ddts@eos.hitc.com  
xddts 030512 101731 Enclosure "Problem" edited by ocoates  
xddts 030512 101810 Fields modified by ocoates  
batchbug 030513 234706 Priority changed to 48 by dstepp  
xddts 030514 141846 Enclosure "IPT" added by jsmith-c  
batchbug 030520 214640 Priority changed to 39 by dstepp  
xddts 030527 233812 Enclosure "IPT" edited by dstepp  
batchbug 030528 005637 Priority changed to 31 by dstepp  
batchbug 030603 234142 Priority changed to 32 by dstepp  
batchbug 030610 154545 Priority changed to 35 by pjohanson  
batchbug 030617 163622 Priority changed to 41 by pjohanson  
batchbug 030617 170826 Priority changed to 42 by pjohanson  
batchbug 030701 224613 Priority changed to 50 by ddts  
batchbug 030709 091803 Priority changed to 48 by ddts  
xddts 030709 150650 N -> A (Assign-Eval to pgazula) by jsmith-c  
batchbug 030715 230122 Priority changed to 47 by ddts  
batchbug 030723 215054 Priority changed to 29 by ddts  
batchbug 030730 194701 Priority changed to 33 by ddts  
batchbug 030806 185012 Priority changed to 29 by ddts  
xddts 030820 120213 Enclosure "IPT" edited by ddts  
batchbug 030820 232227 Priority changed to 36 by ddts  
batchbug 030903 090743 Priority changed to 31 by ddts  
batchbug 030910 200159 Priority changed to 27 by ddts  
batchbug 030917 084343 Priority changed to 20 by ddts  
xddts 030919 152215 Enclosure "IPT" edited by labuser



xddts 030919 152232 Enclosure "IPT" edited by labuser  
xddts 030922 123614 Fields modified by jsmith-c  
xddts 030922 123744 Enclosure "Analysis" added by jsmith-c  
xddts 030922 123744 A -> B (Cost-Analyzed) by jsmith-c  
xddts 030926 151814 Enclosure "IPT" edited by dsrikant  
xddts 030926 152037 B -> B (Cost-Analyzed) by dsrikant  
xddts 030928 191538 Fields modified by jsmith-c  
xddts 030928 191825 Enclosure "IPT" edited by jsmith-c  
xddts 030928 191901 Fields modified by jsmith-c  
xddts 030929 111919 B -> B (Cost-Analyzed) by dsrikant  
batchbug 031001 010157 Priority changed to 14 by ddt  
xddts 031003 165026 Enclosure "IPT" edited by dsrikant  
xddts 031006 094550 Enclosure "IPT" edited by jsmith-c  
xddts 031006 094637 Enclosure "IPT" edited by jsmith-c  
xddts 031006 094657 Enclosure "IPT\_HISTORY" added by jsmith-c  
batchbug 031008 014244 Priority changed to 13 by ddt  
xddts 031009 195441 Enclosure "IPT" edited by dsrikant  
xddts 031013 143130 Fields modified by jsmith-c  
xddts 031013 143228 Fields modified by jsmith-c  
batchbug 031015 113131 Priority changed to 14 by ddt  
batchbug 031015 123509 Priority changed to 16 by ddt  
xddts 031017 153403 B -> B (Cost-Analyzed) by dsrikant  
xddts 031017 153450 B -> R (Assign-Implement) by dsrikant  
xddts 031017 153952 Enclosure "IPT" edited by dsrikant  
batchbug 031022 173309 Priority changed to 12 by ddt  
xddts 031023 204602 Enclosure "IPT" edited by dsrikant  
xddts 031027 135147 Fields modified by aaljazra  
batchbug 031029 181936 Priority changed to 6 by ddt  
xddts 031031 172712 Enclosure "IPT" edited by dsrikant  
xddts 031103 092255 Enclosure "IPT" edited by jsmith-c  
xddts 031103 092307 Enclosure "IPT\_HISTORY" edited by jsmith-c  
xddts 031103 110629 Fields modified by jsmith-c  
batchbug 031106 081742 Priority changed to 4 by ddt  
xddts 031107 183404 Enclosure "IPT" edited by dsrikant  
xddts 031110 092556 R -> R (Assign-Implement) by dsrikant  
xddts 031110 101039 Fields modified by dsrikant  
xddts 031110 125734 Enclosure "IPT" edited by jsmith-c  
batchbug 031112 165743 Priority changed to 6 by ddt  
xddts 031114 140422 Enclosure Resolution added by dsrikant  
xddts 031114 140436 Enclosure Previous Merge Build IDs added by dsrikant  
xddts 031114 140436 R -> M (Merged) by dsrikant  
xddts 031114 154701 M -> T (In-Test) by labuser  
xddts 031120 200156 Enclosure "Test" added by dsrikant  
xddts 031211 154929 Enclosure "Verification" added by cschafer  
xddts 031211 154929 T -> V (Verified) by cschafer

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NCR ID: ECSed38178                      Status: VERIFIED                      Submitted: 030819  
NCR Class: OPERATIONS                  Project: OPS\_BMGT                      Enclosures: 9

NCR TITLE...

OPS: 6A.07+: BMGT: collection pricing not included in colle

PROBLEM INFORMATION...

Build Name[\*]: Drop 6A.07+  
Test Site[\*]: EDC DAAC  
Detection Method[\*]: Customer Use  
Detected-In-Phase[\*]: DAAC Activity  
Test Case ID:  
Machine Name:  
Severity (1=Showstopper)[\*]: 2  
Priority: 028    Priority Date: 200308  
High Priority: 028    Mode [\*]: OPS  
Trouble Ticket: SMC000000005978  
DAAC Trouble Ticket: EDC000000013995  
Submitter: rockvam

ANALYSIS INFORMATION...

Evaluate Engineer: dsrikant  
Assigned To: dsrikant  
Analysis Due Date(yymmdd): 030828

COST ANALYSIS INFORMATION...

Cost[\*]: LOW  
Estimated Fix Time(hrs): 32  
Estimated Fix Date(yymmdd): 030904  
Est Num\_SLOC: 10  
Revised Fix Time (Hrs): 32  
Revised Fix Date (yymmdd): 030904

TO BE FIXED INFORMATION...

Problem type[\*]: source code  
Recommended change[\*]: source code  
Implement Due Date (yymmdd):  
Eng SW Release Name: TBD  
Eng SW Release Date (yymmdd):  
Quality of NCR: 3  
Workaround Available? N

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NCR Class: OPERATIONS                  Project: OPS\_BMGT

MERGE INFORMATION..

Resolution[\*]: source code  
Resolved by: dsrikant  
Iteration: Drop 6A.08  
Indicate\_SLOC[\*]: Combination  
Num\_SLOC: 60  
Fixing time (hrs): 32  
Affect CSCI: BMGT  
Merge Build Id: M031110010  
Documentation affected (Y/N)? N  
Fix Date (yymmdd): 031114  
Patch Release Name: 6A.08\_BMGT.01  
Patch Release Date (yymmdd): 031017  
TE SW Release Name: TBD  
TE SW Release Date (yymmdd):

VERIFICATION INFORMATION...

Test Engineer: dsrikant  
Verification Due:  
Verification results(P/F)? P  
Elapsed verification time (hrs): 1  
Attachments (Y/N)? Y  
Ver. Build ID[\*]: Drop 6A.08+  
Verification Machine: .p2dps01  
Verification Site[\*]: PVC

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\*\*\*\*\* Problem \*\*\*\*\*

Long Description :

OPS: 6A.07+: BMGT: collection pricing not included in collection metadata file  
The BMGT collection metadata files only have the default EstimatedCost value taken from EcOsBMGTDefaultPackage.xml at the beginning of the XML file.

The EcOsBMGTSpecialCases.xml allows you to enter an EstimatedCost value for a given short name, for example

```
<specialCases>
  <case>
    <ShortName>L70RWRS</ShortName>
    <EstimatedCost>475</EstimatedCost>
  </case>
</specialCases>
```

However, when the collection is exported, the short name-specific EstimatedCost is not included in the XML file.

Impact: Prices for different Collections are not delivered to ECHO. Since prices differ for different data types, we must be able to specify them at the collection level.

andrel 08/18/03 14:48:28

This ticket is deferred until 8/19/03. Prem Gazula is currently reviewing the ticket.

<< end of description >>

\*\*\*\*\* Analysis (Added 030902 by dsrikant) \*\*\*\*\*

Please describe your Analysis:

BMGT is not able to identify the EstimatedPrice from the CollectionMetada.xsd file, and then cannot create the CollectionPackage for the ESDT from the CollectionPackage.xml file by adding generalPackage options to it. xsd needs to be modified, and BMGT Specialcases.java need to be modified to read the EstimatedPrice from CollectionMetadata.xsd, and then create the collectionPakckage with the corresponding estimated price from Speciacases.xml file.

\*\*\*\*\* Resolution (Added 030908 by dsrikant) \*\*\*\*\*

Please describe your resolution to this problem:

Modified SpecialCase.java to pick up Price from the config file and modified XSD to pick up Estimatedcost for processing.

\*\*\*\*\* Previous Merge Build IDs (Added 030908 by dsrikant) \*\*\*\*\*

Please enter any related Merge Build ID(s) information:

1) 6A---M030904001

2) 6A08--M030904002

3)

4)

\*\*\*\*\* Failed Verification @ EDC (Added 031031 by rockvam) \*\*\*\*\*  
If two collections with the same short name are exported, only one has  
the pricing information. Ref NCR 38593 (duped to this one).

Tammy Rockvam  
605-594-6852

\*\*\*\*\* Verification (Added 031031 by burck) \*\*\*\*\*  
Please describe your verification:  
  
(see "Failed Verification @ EDC" enclosure)

\*\*\*\*\* IPT (Added 031106 by dstepp) \*\*\*\*\*  
11/5/03: Failed verification

\*\*\*\*\* Test (Modified 031120 by dsrikant) \*\*\*\*\*  
Generate Collection XML files with multiple ESDT's with the same  
ShortName, who price is configured in the SpecialCases.xml config file,  
and the Collection XML should include Estimated Cost for each of the  
ESDTs'.

Configure EcBmBMGTGroups.xml file with Multiple ESDTs with same  
shortName and different Version ID's.

Add Estimated Cost for all the ShortNames in SpecialCases.xml file which  
are present in EcBmBMGTGroups.xml .

\*\*\*\*\* Verified (mapped to 38593) (Added 031211 by cschafer) \*\*\*\*\*  
See ncr 38953 for details on verification as the test in that ncr also  
fully filled this ncr as well

\*\*\*\*\* History \*\*\*\*\*  
bugs 1010629 000000 Submitted by Remedy via ddts@eos.hitc.com  
xddts 030819 131101 Fields modified by andrel  
batchbug 030820 232651 Priority changed to 57 by ddts  
xddts 030828 141916 N -> A (Assign-Eval to dsrikant) by dsrikant  
xddts 030902 154321 A -> A (Assign-Eval to dsrikant) by dsrikant  
xddts 030902 154736 Enclosure "Analysis" added by dsrikant  
xddts 030902 154736 A -> B (Cost-Analyzed) by dsrikant

xddts 030902 154755 B -> R (Assign-Implement) by dsrikant  
batchbug 030903 090732 Priority changed to 30 by ddt  
xddts 030908 103026 Enclosure Resolution added by dsrikant  
xddts 030908 103046 Enclosure Previous Merge Build IDs added by dsrikant  
xddts 030908 103046 R -> M (Merged) by dsrikant  
xddts 030908 135611 M -> T (In-Test) by dsrikant  
xddts 030912 133732 Fields modified by srice  
xddts 031027 135423 Fields modified by ocoates  
webddts 031031 083436 Enclosure "Failed Verification @ EDC" added by rockvam  
webddts 031031 151624 T -> A by burck (Failed Verification Test)  
webddts 031031 151626 Enclosure "Verification" added by burck  
webddts 031031 151627 A -> V (Verified) by burck  
xddts 031105 163431 V -> R (Assign-Implement) by lvaughn  
batchbug 031106 082258 Priority changed to 32 by ddt  
xddts 031106 084304 Enclosure "IPT" added by dstepp  
batchbug 031112 170150 Priority changed to 29 by ddt  
xddts 031114 135354 R -> M (Merged) by dsrikant  
batchbug 031119 190236 Priority changed to 28 by ddt  
xddts 031120 195304 M -> T (In-Test) by dsrikant  
xddts 031120 195541 Enclosure "Test" added by dsrikant  
xddts 031120 195810 Enclosure "Test" edited by dsrikant  
xddts 031211 153431 T -> V (Verified) by cschafer  
xddts 031211 153709 Enclosure "Verified (mapped to 38593)" added by cschafer

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NCR ID: ECSed38532                      Status: IN-TEST                      Submitted: 031017  
NCR Class: OPERATIONS                      Project: OPS\_BMGT                      Enclosures: 5

NCR TITLE...

OPS:6A.08:BMGT with browse cannot run two instances at once

PROBLEM INFORMATION...

Build Name[\*]: Drop 6A.08  
Test Site[\*]: EDC DAAC  
Detection Method[\*]: Customer Use  
Detected-In-Phase[\*]: DAAC Activity  
Test Case ID:  
Machine Name:  
Severity (1=Showstopper)[\*]: 2  
Priority: 046    Priority Date: 200310  
High Priority: 046    Mode [\*]:  
Trouble Ticket: SMC000000006164  
DAAC Trouble Ticket: EDC000000014183  
Submitter: rockvam

ANALYSIS INFORMATION...

Evaluate Engineer: dsrikant  
Assigned To: dsrikant  
Analysis Due Date(yymmdd): 031113

COST ANALYSIS INFORMATION...

Cost[\*]: LOW  
Estimated Fix Time(hrs): 24  
Estimated Fix Date(yymmdd): 031114  
Est Num\_SLOC: 8  
Revised Fix Time (Hrs): 24  
Revised Fix Date (yymmdd): 031114

TO BE FIXED INFORMATION...

Problem type[\*]: source code  
Recommended change[\*]: source code  
Implement Due Date (yymmdd):  
Eng SW Release Name: TBD  
Eng SW Release Date (yymmdd):  
Quality of NCR: 3  
Workaround Available? N

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NCR Class: OPERATIONS                      Project: OPS\_BMGT

MERGE INFORMATION..

Resolution[\*]: source code  
Resolved by: dsrikant  
Iteration: Drop 6A.08  
Indicate\_SLOC[\*]: Combination  
Num\_SLOC: 10  
Fixing time (hrs): 24  
Affect CSCI: N  
Merge Build Id: M031110010  
Documentation affected (Y/N)? N  
Fix Date (yymmdd): 031114  
Patch Release Name: TBD  
Patch Release Date (yymmdd):  
TE SW Release Name: TBD  
TE SW Release Date (yymmdd):

VERIFICATION INFORMATION...

Test Engineer: dsrikant  
Verification Due:

Page 2/2

\*\*\*\*\* Problem (Modified 031017 by ocoates) \*\*\*\*\*  
Long Description :

As part of our historical BMGT export, we are running one BMGT instance for the historical export of a single data type over the entire time

range, and a second BMGT instance for the daily updates.

The historical instance in some cases will run longer than 24 hours, so it will be running at the same time that the daily BMGT instance kicks off at 00:30.

If the historical instance and the daily instance both try to export browse, they will interfere with each other. This occurred when we did the historical export of AST\_L1B.003. The historical run started at 08:03 on 10/01/2003 and was still running when the daily kicked off at 00:30 on 10/2.

They coexisted fine until the daily exported its browse, finishing at 00:39. At about that time, the historical instance tried to access a temporary table which had presumably been removed by the daily run. The log message follows:

```
2003.10.02-00:37:21.647/[log]/ERROR:Exception -
com.sybase.jdbc2.jdbc.SybSQLException: Object 'BMGTBrowseIdTmp' cannot
be found.
```

```
        at com.sybase.jdbc2.tds.Tds.processEed(Tds.java:2636)
        at com.sybase.jdbc2.tds.Tds.nextResult(Tds.java:1996)
        at
com.sybase.jdbc2.jdbc.ResultGetter.nextResult(ResultGetter.java:69)
        at
com.sybase.jdbc2.jdbc.SybStatement.nextResult(SybStatement.java:204)

        at
com.sybase.jdbc2.jdbc.SybStatement.nextResult(SybStatement.java:187)

        at
com.sybase.jdbc2.jdbc.SybStatement.getMoreResults(SybStatement.java:
829)
        at
bmgt.services.product.DatasetGenerator.doGetResults(DatasetGenerator
.java:177)
        at
bmgt.services.product.DatasetGenerator.composeDatasets(DatasetGenera
tor.java:290)
        at
bmgt.services.product.DatasetGenerator.run(DatasetGenerator.java:109
)
```

The log files for the two runs are available from EDC in  
EcBmBMGT.ALOG.20031002  
.003002.339 and EcBmBMGT.ALOG.20031002.123227.408

Impact: if a historical runs of a data type that have browse is going, the daily runs must be turned off and run manually later, so that the two don't collide.

LPDAAC POC: Tammy Rockvam  
ocoates 10/17/03 10:48:59

Copy of ticket sent to Sri for review.  
<< end of description >>

SUBMITTER INFO:

Submitter Name: Tamara Rockvam  
Submitter Email: rockvam@usgs.gov  
Submitter Phone: 605-594-6852

\*\*\*\*\* Analysis (Added 031112 by labuser) \*\*\*\*\*  
Please describe your Analysis:

Bmgt Browse drops and creates a table to hold the GranuleId's for processing Browsemetadata for all the granules, and deletes the table at the end of the stored procedure. When a different BMGT process is trying to access this stored procedure when it is already being used by other process its deleting the Granule's table which causes the exception. Instead of creating a table, the fix would be to create a temporary table.

\*\*\*\*\* Resolution (Added 031114 by dsrikant) \*\*\*\*\*  
Please describe your resolution to this problem:

Modified ProcBmgtGetEsdBrowMetadata to create a temporary table in tempdb instead of creating a table and deleting at the end of the stored proc so that it would eliminate the clash when two instances of BMGT are trying to access the same stored procedure.

\*\*\*\*\* Previous Merge Build IDs (Added 031114 by dsrikant) \*\*\*\*\*  
Please enter any related Merge Build ID(s) information:

1) 6A08--M031110010

2)

3)

4)

\*\*\*\*\* IPT (Added 031211 by cschafer) \*\*\*\*\*  
LP DAAC to Verify this NCR.

\*\*\*\*\* History \*\*\*\*\*  
bugs 1010629 000000 Submitted by Remedy via ddts@eos.hitc.com



xddts 031017 143649 Enclosure "Problem" edited by ocoates  
batchbug 031022 174250 Priority changed to 65 by ddt  
batchbug 031029 183322 Priority changed to 77 by ddt  
batchbug 031106 083519 Priority changed to 92 by ddt  
xddts 031111 200744 N -> A (Assign-Eval to dsrikant) by dsrikant  
batchbug 031112 170518 Priority changed to 46 by ddt  
xddts 031112 174204 Enclosure "Analysis" added by labuser  
xddts 031112 174204 A -> B (Cost-Analyzed) by labuser  
xddts 031112 174223 B -> R (Assign-Implement) by labuser  
xddts 031114 135903 Enclosure Resolution added by dsrikant  
xddts 031114 135915 Enclosure Previous Merge Build IDs added by dsrikant  
xddts 031114 135916 R -> M (Merged) by dsrikant  
xddts 031114 155205 M -> T (In-Test) by labuser  
xddts 031211 152220 Enclosure "IPT" added by cschafer

\*\*\*\*\*

NCR ID: ECSed38535                      Status: VERIFIED                      Submitted: 031017  
NCR Class: OPERATIONS                  Project: OPS\_BMGT                      Enclosures: 7

NCR TITLE...

GSFC/SMC BULKURL not generating correct XML for ingest into

PROBLEM INFORMATION...

Build Name[\*]: Drop 6A.08  
Test Site[\*]: GSFC DAAC  
Detection Method[\*]: Customer Use  
Detected-In-Phase[\*]: DAAC Activity  
Test Case ID:  
Machine Name:  
Severity (1=Showstopper)[\*]: 2  
Priority: 036    Priority Date: 200310  
High Priority: 036    Mode [\*]: OPS  
Trouble Ticket: SMC000000006166  
DAAC Trouble Ticket: GSF000000010779  
Submitter: lquick

ANALYSIS INFORMATION...

Evaluate Engineer: dsrikant  
Assigned To: hdinh  
Analysis Due Date (yyymmdd): 031105

COST ANALYSIS INFORMATION...

Cost[\*]: LOW  
Estimated Fix Time(hrs): 24  
Estimated Fix Date(yyymmdd): 031106  
Est Num\_SLOC: 10  
Revised Fix Time (Hrs): 24  
Revised Fix Date (yyymmdd): 031106

TO BE FIXED INFORMATION...

Problem type[\*]: source code  
Recommended change[\*]: source code  
Implement Due Date (yyymmdd): 031106  
Eng SW Release Name: TBD  
Eng SW Release Date (yyymmdd):  
Quality of NCR: 1  
Workaround Available? N

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NCR Class: OPERATIONS                  Project: OPS\_BMGT

MERGE INFORMATION..

Resolution[\*]: source code  
Resolved by: hdinh  
Iteration: Drop 6A.08+  
Indicate\_SLOC[\*]: Modified  
Num\_SLOC: 34  
Fixing time (hrs): 24  
Affect CSCI: no  
Merge Build Id:  
Documentation affected (Y/N)? N  
Fix Date (yyymmdd): 031106  
Patch Release Name: TBD  
Patch Release Date (yyymmdd):  
TE SW Release Name: TBD  
TE SW Release Date (yyymmdd):

VERIFICATION INFORMATION...

Test Engineer: hdinh  
Verification Due:  
Verification results(P/F)? : P  
Elapsed verification time (hrs): 1  
Attachments (Y/N)? Y  
Ver. Build ID[\*]: Drop 6A.08  
Verification Machine: p2dps01  
Verification Site[\*]: PVC

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\*\*\*\*\* Problem (Modified 031017 by andrel) \*\*\*\*\*  
Long Description :

OPS MODE,SUN&SGI PLATFORM,6A.08 The BULKURL utilitiy does not generate  
the cor

rect XML for ingest into ECHO. The following two lines should be added to the beginning of the XML file.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ProviderAccountService SYSTEM
"http://www.echo.eos.nasa.gov/dtd/v5.0/
UpdateMetaData.dtd">
```

It is very critical that the above two lines be added since ECHO is unable to a

ccept the current XML output from BULKURL.  
andrel 10/17/03 15:56:59

This ticket is currently being investigated by Srikanth Davu. Sri informed th

e DAAC Helpdesk that this problem was mentioned in a telecon and that a workaro

und is available. GDAAC can modify the XML files and include the missing lines

that are needed at the beginning of the file.

<< end of description >>

Submitter Name: Linnette Quick

Submitter Phone: 301-614-5143

Submitter Email: lquick@g0mos16.gsfcmo.ecs.nasa.gov

\*\*\*\*\* IPT (Modified 031106 by hdinh) \*\*\*\*\*

11/06/2003 Merged

11/05/2003 coding and testing

11/04/2003 analysis and code

\*\*\*\*\* Analysis (Modified 031105 by hdinh) \*\*\*\*\*

Please describe your Analysis:

OPS MODE,SUN&SGI PLATFORM,6A.08 The BULKURL utilitiy does not generate the correct XML for ingest into ECHO

adding two lines below begining of the XML file.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ProviderAccountService SYSTEM
"http://www.echo.eos.nasa.gov/dtd/v5.0/UpdateMetaData.dtd">
```

\*\*\*\*\* Resolution (Added 031106 by hdinh) \*\*\*\*\*

Please describe your resolution to this problem:

see analysis

\*\*\*\*\* Previous Merge Build IDs (Modified 031107 by hdinh) \*\*\*\*\*  
Please enter any related Merge Build ID(s) information:

- 1) M031105008
- 2) M031105009
- 3) M031107001 (Relb)
- 4) M031107002 (6A08)

\*\*\*\*\* Test Instruction for Checkout Lab (Added 031107 by hdinh)  
\*\*\*\*\*

Test Instructions for Checkout Lab  
Bring up Registry Gui, install mode, then make Mkcfig for EcBmBulkURL

running the script below

/usr/ecs/MODE/CUSTOM/utilities/EcBmURLStart MODE Insert/Delete  
after completing the request, go to ProductOutPut or OutPutDirectory

open file EDFInsURL.TimeStamp.xml  
check if such message below exists at the beginning of the file

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ProviderAccountService SYSTEM
"http://www.echo.eos.nasa.gov/dtd/v5.0/UpdateMetaData.dtd">
```

\*\*\*\*\* Verification (Added 031211 by cschafer) \*\*\*\*\*  
Please describe your verification:

Configure BulkURL to build and send XML file with new lines:  
<?xml version="1.0" encoding="UTF-8"?>  
<!DOCTYPE ProviderAccountService SYSTEM  
"http://p2dps01.pvc.ecs.nasa.gov:24200/BMGTUpdateMetadata.dtd">

By configuring file:  
EcBmBulkURLConfigParams.xml

On p2dps01 Ran:  
EcBmBulkURLStart OPS Insert

OUTPUT:  
In ProductOutput directory the XML file:  
PVCInsURL.20031208160509.xml

Does contain the 2 lines:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ProviderAccountService SYSTEM
"http://p2dps01.pvc.ecs.nasa.gov:24200/BMGTUpdateMetadata.dtd">
```

\*\*\*\*\* History \*\*\*\*\*

```
bugs      1010629 000000 Submitted by Remedy via ddts@eos.hitc.com
xddts     031017 160803 Fields modified by andrel
xddts     031017 160927 Enclosure "Problem" edited by andrel
batchbug  031029 182554 Priority changed to 38 by ddts
xddts     031104 132117 N -> A (Assign-Eval to hdinh) by jsmith-c
xddts     031104 132121 Fields modified by jsmith-c
xddts     031105 155422 Enclosure "IPT" added by hdinh
xddts     031105 155847 Enclosure "Analysis" added by hdinh
xddts     031105 155847 A -> B (Cost-Analyzed) by hdinh
xddts     031105 160052 Enclosure "Analysis" edited by hdinh
xddts     031105 160503 B -> R (Assign-Implement) by hdinh
batchbug  031106 082347 Priority changed to 36 by ddts
xddts     031106 185317 Enclosure Resolution added by hdinh
xddts     031106 185347 Enclosure Previous Merge Build IDs added by hdinh
xddts     031106 185347 R -> M (Merged) by hdinh
xddts     031106 185404 Enclosure "IPT" edited by hdinh
xddts     031107 074144 Enclosure "Test Instruction for Checkout Lab" added by
hdinh
xddts     031107 144647 Enclosure "Previous Merge Build IDs" edited by hdinh
xddts     031107 144659 M -> T (In-Test) by hdinh
xddts     031211 153252 Enclosure "Verification" added by cschafer
xddts     031211 153253 T -> V (Verified) by cschafer
```

\*\*\*\*\*

NCR ID: ECSed38593                      Status: VERIFIED                      Submitted: 031028  
NCR Class: OPERATIONS                  Project: OPS\_BMGT                      Enclosures: 7

NCR TITLE...

TS2: Patch 6A.08\_BMGT.01: collection pricing is included f

PROBLEM INFORMATION...

Build Name[\*]: Drop 6A.08  
Test Site[\*]: EDC DAAC  
Detection Method[\*]: Customer Use  
Detected-In-Phase[\*]: DAAC Activity  
Test Case ID:  
Machine Name:  
Severity (1=Showstopper)[\*]: 2  
Priority: 000    Priority Date:  
High Priority: 000    Mode [\*]: TS2  
Trouble Ticket: SMC000000006191  
DAAC Trouble Ticket: EDC000000014206  
Submitter: rockvam

ANALYSIS INFORMATION...

Evaluate Engineer: dsrikant  
Assigned To: dsrikant  
Analysis Due Date(yymmdd): 031107

COST ANALYSIS INFORMATION...

Cost[\*]: LOW  
Estimated Fix Time(hrs): 32  
Estimated Fix Date(yymmdd): 031112  
Est Num\_SLOC: 15  
Revised Fix Time (Hrs): 32  
Revised Fix Date (yymmdd): 031112

TO BE FIXED INFORMATION...

Problem type[\*]: source code  
Recommended change[\*]: source code  
Implement Due Date (yymmdd):  
Eng SW Release Name: TBD  
Eng SW Release Date (yymmdd):  
Quality of NCR: 3  
Workaround Available? N

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NCR Class: OPERATIONS                  Project: OPS\_BMGT

MERGE INFORMATION..

Resolution[\*]: source code  
Resolved by: dsrikant  
Iteration: Drop 6A.08  
Indicate\_SLOC[\*]: Added  
Num\_SLOC: 15  
Fixing time (hrs): 32  
Affect CSCI: Y  
Merge Build Id: M031110010  
Documentation affected (Y/N)? N  
Fix Date (yymmdd): 031114  
Patch Release Name: TBD  
Patch Release Date (yymmdd):  
TE SW Release Name: TBD  
TE SW Release Date (yymmdd):

VERIFICATION INFORMATION...

Test Engineer: dsrikant  
Verification Due:  
Verification results(P/F)? : P  
Elapsed verification time (hrs): 1  
Attachments (Y/N)? Y  
Ver. Build ID[\*]: Drop 6A.08  
Verification Machine: p2dps01  
Verification Site[\*]: PVC

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\*\*\*\*\* Problem (Modified 031028 by andrel) \*\*\*\*\*

Long Description :

TS2: Patch 6A.08\_BMGT.01: collection pricing is included for some but  
not all  
collections

In testing NCR 38178 in Patch 6A.08\_BMGT.01, the collection pricing was included

ed for some but not all of the collections.

The valids and collection metadata for 10 ASTER collections was exported, but o

nly 4 of the 10 collections had the EstimatedCost included.

The <CollectionPackage> group, which contains the EstimatedCost, was included o

nly for AST\_L1A.002, AST\_L1B.002, AST\_06S.002, and AST\_06T.002.

The EcBmBMGTSpecialCases.xml file contained the following:

```
<?xml version='1.0'?>
```

```
<specialCases>
  <case>
    <ShortName>AST_L1A</ShortName>
    <EstimatedCost>55</EstimatedCost>
  </case>
  <case>
    <ShortName>AST_L1B</ShortName>
    <EstimatedCost>55</EstimatedCost>
  </case>
  <case>
    <ShortName>AST_06S</ShortName>
    <EstimatedCost>55</EstimatedCost>
  </case>
  <case>
    <ShortName>AST_06T</ShortName>
    <EstimatedCost>55</EstimatedCost>
  </case>
  <case>
    <ShortName>AST_06V</ShortName>
    <EstimatedCost>55</EstimatedCost>
  </case>
  <case>
    <ShortName>L70RWRS</ShortName>
    <EstimatedCost>475</EstimatedCost>
  </case>
</specialCases>
```

The EcBmBMGTGroup.xml file contained the following:

```
<?xml version='1.0'?>
```

```
<groupConfigFile>
  <groupConfig>
    <group>
      <name>ASTT</name>
      <ESDT>
        <ShortName>AST_L1A</ShortName>
        <VersionID>2</VersionID>
      </ESDT>
      <ESDT>
        <ShortName>AST_L1A</ShortName>
        <VersionID>3</VersionID>
      </ESDT>
      <ESDT>
        <ShortName>AST_L1B</ShortName>
        <VersionID>2</VersionID>
```

```
</ESDT>
<ESDT>
<ShortName>AST_L1B</ShortName>
<VersionID>3</VersionID>
</ESDT>
<ESDT>
<ShortName>AST_06S</ShortName>
<VersionID>2</VersionID>
</ESDT>
```

```
Schema: RelB-Trouble Tickets
<ESDT>
<ShortName>AST_06S</ShortName>
<VersionID>3</VersionID>
</ESDT>
<ESDT>
<ShortName>AST_06T</ShortName>
<VersionID>2</VersionID>
</ESDT>
<ESDT>
<ShortName>AST_06T</ShortName>
<VersionID>3</VersionID>
</ESDT>
<ESDT>
<ShortName>AST_06V</ShortName>
<VersionID>2</VersionID>
</ESDT>
<ESDT>
<ShortName>AST_06V</ShortName>
<VersionID>3</VersionID>
</ESDT>
    </group>
  </groupConfig>
</groupConfigFile>
```

```
LP DAAC POC: Tammy Rockvam
andrel 10/27/03 10:18:09
This ticket was sent to Srikanth Davu for review.
ocoates 10/27/03 13:01:39
Ticket deferred - Tues., 10/28/03
<< end of description >>
```

```
Submitter Name: Tammy Rockvam
Submitter Phone: 605-594-6852
Submitter Email: rockvam@usgs.gov
```

```
***** Analysis from Srikanth Davu (Added 031028 by andrel) *****
Date: Mon, 27 Oct 2003 18:20:39 -0500
From: Davu Srikanth <dsrikant@eos.east.hitc.com>
To: andrel@eos.east.hitc.com
```



Hi Andre,

The problem seems to be with reading of the Jdom Element if used multiple times from the special cases file. Need a fix in the cloning mechanism for the Price Estimate element. Could you please convert this to an NCR.

--Sri.

\*\*\*\*\* Dup of ECSed38178 (Modified 031106 by ddt) \*\*\*\*\*

NCR ID: ECSed38178                      Status: ASSIGNED-IMPLEMENT                      Submitted: 030819  
NCR Class: OPERATIONS                      Project: OPS\_BMGT                      Enclosures: 7

NCR TITLE...

OPS: 6A.07+: BMGT: collection pricing not included in colle

PROBLEM INFORMATION...

Build Name[\*]: Drop 6A.07+  
Test Site[\*]: EDC DAAC  
Detection Method[\*]: Customer Use  
Detected-In-Phase[\*]: DAAC Activity  
Test Case ID:  
Machine Name:  
Severity (1=Showstopper)[\*]: 2  
Priority: 032    Priority Date: 200308  
High Priority: 030    Mode [\*]: OPS  
Trouble Ticket: SMC000000005978  
DAAC Trouble Ticket: EDC000000013995  
Submitter: rockvam

ANALYSIS INFORMATION...

Evaluate Engineer: dsrikant  
Assigned To: dsrikant  
Analysis Due Date(yymmdd): 030828

COST ANALYSIS INFORMATION...

Cost[\*]: LOW  
Estimated Fix Time(hrs): 32  
Estimated Fix Date(yymmdd): 030904  
Est Num\_SLOC: 10  
Revised Fix Time (Hrs): 32  
Revised Fix Date (yymmdd): 030904

TO BE FIXED INFORMATION...

Problem type[\*]: source code  
Recommended change[\*]: source code  
Implement Due Date (yymmdd):  
Eng SW Release Name: TBD  
Eng SW Release Date (yymmdd):  
Quality of NCR: 3  
Workaround Available? N

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NCR Class: OPERATIONS                      Project: OPS\_BMGT

\*\*\*\*\* Problem \*\*\*\*\*

Long Description :

OPS: 6A.07+: BMGT: collection pricing not included in collection metadata file  
 The BMGT collection metadata files only have the default EstimatedCost value taken from EcOsBMGTDefaultPackage.xml at the beginning of the XML file.  
 The EcOsBMGTSpecialCases.xml allows you to enter an EstimatedCost value for a given short name, for example

```
<specialCases>
  <case>
    <ShortName>L70RWRS</ShortName>
    <EstimatedCost>475</EstimatedCost>
  </case>
</specialCases>
```

However, when the collection is exported, the short name-specific EstimatedCost is not included in the XML file.

Impact: Prices for different Collections are not delivered to ECHO. Since prices differ for different data types, we must be able to specify them at the collection level.

andrel 08/18/03 14:48:28

This ticket is deferred until 8/19/03. Prem Gazula is currently reviewing the ticket.

<< end of description >>

\*\*\*\*\* Analysis (Added 030902 by dsrikant) \*\*\*\*\*

Please describe your Analysis:

BMGT is not able to identify the EstimatedPrice from the CollectionMetada.xsd file, and then cannot create the CollectionPackage for the ESDT from the CollectionPackage.xml file by adding generalPackage options to it. xsd needs to be modified, and BMGT Specialcases.java need to be modified to read the EstimatedPrice from CollectionMetadata.xsd, and then create the collectionPakckage with the corresponding estimated price from Speciacases.xml file.

\*\*\*\*\* Resolution (Added 030908 by dsrikant) \*\*\*\*\*

Please describe your resolution to this problem:

Modified SpecialCase.java to pick up Price from the config file and modified XSD to pick up Estimatedcost for processing.

\*\*\*\*\* Previous Merge Build IDs (Added 030908 by dsrikant) \*\*\*\*\*

Please enter any related Merge Build ID(s) information:

1) 6A---M030904001

2) 6A08--M030904002

3)

4)

\*\*\*\*\* Failed Verification @ EDC (Added 031031 by rockvam) \*\*\*\*\*  
If two collections with the same short name are exported, only one has  
the pricing information. Ref NCR 38593 (duped to this one).

Tammy Rockvam  
605-594-6852

\*\*\*\*\* Verification (Added 031031 by burck) \*\*\*\*\*  
Please describe your verification:

(see "Failed Verification @ EDC" enclosure)

\*\*\*\*\* IPT (Added 031106 by dstepp) \*\*\*\*\*  
11/5/03: Failed verification

\*\*\*\*\* History \*\*\*\*\*

bugs 1010629 000000 Submitted by Remedy via ddts@eos.hitc.com  
xddts 030819 131101 Fields modified by andrel  
batchbug 030820 232651 Priority changed to 57 by ddts  
xddts 030828 141916 N -> A (Assign-Eval to dsrikant) by dsrikant  
xddts 030902 154321 A -> A (Assign-Eval to dsrikant) by dsrikant  
xddts 030902 154736 Enclosure "Analysis" added by dsrikant  
xddts 030902 154736 A -> B (Cost-Analyzed) by dsrikant  
xddts 030902 154755 B -> R (Assign-Implement) by dsrikant  
batchbug 030903 090732 Priority changed to 30 by ddts  
xddts 030908 103026 Enclosure Resolution added by dsrikant  
xddts 030908 103046 Enclosure Previous Merge Build IDs added by dsrikant  
xddts 030908 103046 R -> M (Merged) by dsrikant  
xddts 030908 135611 M -> T (In-Test) by dsrikant  
xddts 030912 133732 Fields modified by srice  
xddts 031027 135423 Fields modified by ocoates  
webddts 031031 083436 Enclosure "Failed Verification @ EDC" added by rockvam  
webddts 031031 151624 T -> A by burck (Failed Verification Test)  
webddts 031031 151626 Enclosure "Verification" added by burck  
webddts 031031 151627 A -> V (Verified) by burck  
xddts 031105 163431 V -> R (Assign-Implement) by lvaughn

batchbug 031106 082258 Priority changed to 32 by ddts  
xddts 031106 084304 Enclosure "IPT" added by dstepp

\*\*\*\*\* Analysis (Added 031106 by dsrikant) \*\*\*\*\*  
Please describe your Analysis:

Price elements need to be cloned before handling instead of just inserting and detaching elements from the SpecialCases file, if multiple ESDTS with the same shortname are used in the Groups.xml file for BMGT.

\*\*\*\*\* Resolution (Added 031114 by dsrikant) \*\*\*\*\*  
Please describe your resolution to this problem:

Modified code to clone the ShortName and Price before inserting into the tree instead of just adding the original element, so that it could be used for multiple ESDTS with the different versionID's.

\*\*\*\*\* Previous Merge Build IDs (Added 031114 by dsrikant) \*\*\*\*\*  
Please enter any related Merge Build ID(s) information:

1) 6A08----M031110010

2)

3)

4)

\*\*\*\*\* Verification (Added 031211 by cschafer) \*\*\*\*\*  
Please describe your verification:

on p2dps01 in the PVC in the OPS mode I configured :

Configure files:

EcBmBMGTSpecialCases.xml

EcBmBMGTGroup.xml

EcBmBMGTUserParams.xml

To test 2 Collections (AST\_L1A, AST\_L1AE) with same shortnames with different Version Ids to have Estimated Price values.

Then ran: EcBmBMGTStart -P Collection

Expected:

(Corresponding XML files will be built accurately with correct Estimated cost values for all datatypes regardless of Version in the Product Output directory.)

XML files did contain all Estimated Costs for the types.

\*\*\*\*\* History \*\*\*\*\*

```
bugs      1010629 000000 Submitted by Remedy via ddts@eos.hitc.com
xddts     031028 085501 Fields modified by andrel
xddts     031028 085633 Enclosure "Problem" edited by andrel
xddts     031028 151911 Enclosure "Analysis from Srikanth Davu" added by andrel
xddts     031028 161015 N -> D (ECSed38178) by andrel
batchbug  031031 082444 Enclosure "Dup of ECSed38178" added by ddts
batchbug  031031 150634 Enclosure "Dup of ECSed38178" modified by ddts
batchbug  031105 161858 Enclosure "Dup of ECSed38178" modified by ddts
batchbug  031106 080620 Enclosure "Dup of ECSed38178" modified by ddts
batchbug  031106 082651 Enclosure "Dup of ECSed38178" modified by ddts
xddts     031106 094614 D -> A (Assign-Eval to dsrikant) by dsrikant
xddts     031106 094829 Enclosure "Analysis" added by dsrikant
xddts     031106 094829 A -> B (Cost-Analyzed) by dsrikant
xddts     031106 094904 B -> R (Assign-Implement) by dsrikant
xddts     031114 135630 Enclosure Resolution added by dsrikant
xddts     031114 135645 Enclosure Previous Merge Build IDs added by dsrikant
xddts     031114 135645 R -> M (Merged) by dsrikant
xddts     031120 195251 M -> T (In-Test) by dsrikant
xddts     031211 151841 Enclosure "Verification" added by cschafer
xddts     031211 151841 T -> V (Verified) by cschafer
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